



# भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित  
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No. 7] NEW DELHI, SATURDAY, FEBRUARY 13, 1993 (MAGHA 24, 1914)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

## भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
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The PATENT OFFICE  
PATENTS AND DESIGNS

Calcutta, the 13th February 1993

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1-457G1/92

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Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),  
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5th, 6th and 7th Floor,  
234/4, Acharya Jagadish Bose Road,  
Calcutta-700 020.

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Telegraphic address "PATENTS."

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## पेटेंट कार्यालय

एकसूत्र तथा अभिकल्प

कलकत्ता, दिनांक 13 फरवरी 1993

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, विल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी स्टेट,  
तीसरा तल, लोअर परले, (पश्चिम),  
बम्बई-400013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य  
क्षेत्र एवं संघ शासित क्षेत्र गोवा, दमन तथा  
दीव एवं दादरा और नागर हवेली।  
तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,  
एकक सं. 401 से 405, तीसरा तल,  
नगरपालिका बाजार भवन,  
सरस्वती मार्ग, करोल बाग,  
नई दिल्ली-110005।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,  
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों  
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली।  
तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,  
61, बालाजिह रोड,  
मद्रास-600002।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य  
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,  
मिनिकाय तथा अमिनिदिवि द्वीप।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय)  
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,  
भवन 5, 6 तथा 7वां तल,  
234/4, आचार्य जगदीश बोस रोड,  
कलकत्ता-700020।  
भारत का अधिशेष क्षेत्र  
तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपे-  
क्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट  
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे।

जल्द :—आवेदकों की अदायगी या तो नकद की जाएगी अथवा  
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा  
आदेश या अहां उपयुक्त कार्यालय अवीस्थित है; उस स्थान  
के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट  
अथवा बैंक द्वारा की जा सकती है।

## GOVERNMENT OF INDIA

## THE PATENT OFFICE

Calcutta, 13th February 1993

APPLICATION FOR PATENTS FILLED AT THE HEAD  
OFFICE 234/4, ACHARYA JAGADISH BOSE  
ROAD, CALCUTTA-20.

The dates shown in the crescent brackets are the dates  
claimed under section 135, of the Patents Act, 1970,

1st January 1993

- 1/Cal/93 (1) Anatoly Semenovitch Aldokimov, (2) Ivan  
Anatolievitch Aldokimov, (3) Vyacheslav Anato-  
lievich Aldokimov. Hydroponics process and  
Device.
- 2/Cal/93 Harry L. Burgess. Automatically adjusting shale  
shaker or the like. (Convention No. 9201092.0  
dated 17-1-92 in U.K.).
- 3/Cal/93 Donald E. Burg. Multiple hull air ride boat.
- 4/Cal/93 Hitachi, LTD., Method of manufacturing electri-  
cal windings.
- 5/Cal/93 Lunar Radiation, Inc., Ultrasonic densitometer  
device and method. Divided out of No. 349/Cal/  
89 divisional dated 9-5-89.

6/Cal/93 Rotabolt Limited. Load-Indicating fasteners.  
(Convention No. 9202771.3 dated 10-02-92 in  
U.K.).

7/Cal/93 Shalimar Industries Limited. Jute shuttle.  
4th January 1993

8/Cal/93 Dr. Anil Krishna Kar. Peimacil.

9/Cal/93 Thyssen Nordseewerke GmbH. Ship, in particular  
merchant ship.

5th January 1993

10/Cal/93 Trutzschler GmbH & Co. kg., A device for the  
transportation of at least one can between a card  
sliver delivering spinning machine and a card  
sliver feeded spinning machine.

11/Cal/93 Glenayre Electronics, Inc., Variable speed  
asynchronous modem.

6th January 1993

12/Cal/92 Smt. Chhabi Ghose, Sri Prasanta Kumar Ghose  
and Sri Susanta Ghose. Novel track aligning and  
lifting equipment.

13/Cal/93 Liftsonic Limited. A security system. (Conven-  
tion dated 14-4-88; 9-6-88; 10-8-88; & 6-3-89).  
(Divided out of No. 288/Cal/89-divisional dated  
13-4-89).

8th January 1993

14/Cal/93 Btr Plc, Valve disc and drive shaft assembly. (Convention No. 9200339.1 dated 8-1-92 in Great Britain).

15/Cal/93 Samir Kumar Neogi, Register unit with compact reset mechanism for petrol dispensing pump.

Applications for Patents filed at the Patent Office Branch, Municipal Market Building, IIIrd Floor, Karol Bagh, New Delhi-110005.

2nd November 1992

990/Del/92 Director General, National Informatics Centre, "Analog video interactive equipment".

991/Del/92 Director General, National Informatics Centre, "Analog video interactive (AVI) PC Add-on card for controlling consumer grade VHS-VCR".

992/Del/92 Council of Scientific & Industrial Research, "A process for electrolytic coating of silica on aluminium surfaces".

993/Del/92 Council of Scientific & Industrial Research, "A process for making belite rich portland cement from rice husk".

994/Del/92 Council of Scientific & Industrial Research, "An improved process for making ordinary portland cement from rice husk".

4th November 1992

995/Del/92 Karm Home Appliances Pvt. Ltd., "Food warming system".

996/Del/92 Karm Home Appliances Pvt. Ltd., "Wall mounted fans".

997/Del/92 Council of Scientific & Industrial Research, "A process for the preparation of a soluble homogeneous catalyst useful for the preparation of X-olefin polymers".

998/Del/92 Council of Scientific & Industrial Research, "An improved process for the preparation of high molecular weight & narrow molecular weight distribution non-crystalline polymer of X-olefin containing atleast four carbon atoms".

999/Del/92 Council of Scientific & Industrial Research, "An improved process for the production of alcohol, particularly ethanol".

1000/Del/92 Council of Scientific & Industrial Research, "An improved device useful for continuous casting of steel".

1001/Del/92 Council of Scientific & Industrial Research, "A novel process for the preparation of 2-hydroxy-5-alkyl benzophenone oximes".

1002/Del/92 Council of Scientific & Industrial Research, "An improved gas burner and gas stove incorporating the burner".

1003/Del/92 Council of Scientific & Industrial Research, "An improved process for the preparation of aluminium based alloy anodes for use in alkaline aluminium air cell". [Divisional date 30th August, 1990].

1004/Del/92 Colgate-Palmolive Co., "Oral composition having improved tooth whitening effect".

1005/Del/92 Dorr-Oliver Incorporated, "Microstrainer filter deck panel".

1006/Del/92 Corning Incorporated, "Method of manufacturing and testing integrated optical components".

1007/Del/92 Imperial Chemical Industries PLC., "Chemical process". (Convention date 13th November, 1991) (U.K.).

5th November 1992

1008/Del/92 The Procter & Gamble Co., "Dye transfer inhibiting compositions". (Convention date 6th November, 91) (U.K.).

1009/Del/92 The Procter & Gamble Co., "Detergent compositions". (Convention date 8th November, 91) (U.K.).

1010/Del/92 The Procter & Gamble Co., "Refastenable adhesive fastening systems for disposable absorbent articles".

1011/Del/92 Richardson Vicks, Inc., "Enhanced skin penetration system for improved topical delivery of drugs".

1012/Del/92 Richardson Vicks, Inc., "Gel type cosmetic compositions".

1013/Del/92 Richardson Vicks, Inc., "Enhanced skin penetration system for improved topical delivery".

1014/Del/92 Ranbaxy Laboratories Ltd., "A process for preparation of 2-chlorosulfinylazetidinone".

1015/Del/92 Ramesh Kumar Suri, "CTV with satellite reception".

1016 Del/92 Bausch & Lomb Incorporated, "Wettable silicone hydrogel compositions and methods for their manufacture".

1017/Del/92 Bausch & Lomb Incorporated, "Novel UV curable crosslinking agents useful in copolymerization".

1018/Del/92 Bauch & Lomb Incorporated, "Wettable silicone hydrogel compositions and methods of their manufacture".

1019/Del/92 Ingersoll-Rand Co., "A friction rock stabilizer".

1020/Del/92 Lourence Cornelius Johannes Greyvenstein, "Refuse bags".

1021/Del/92 C. P. Bhatnagar, "A multi cycle".

1022/Del/92 Anoop Kumar & Others, "Titanium complex soap thickeners for high performance lubricating grease".

6th November 1992

1023/Del/92 The Procter & Gamble Co., "Shampoo compositions with silicone, cationic polymer, and oily liquid conditioning agents".

1024/Del/92 VON Duprin, Inc., "Electromagnetic door lock assembly".

1025/Del/92 VON Duprin, Inc., "Door lock armature assembly".

9th November 1992

1026/Del/92 Pfizer Inc., "Benzopyrans and related LTB<sub>4</sub> antagonists".

1027/Del/92 Roussel-Uclaf, "IR, CIS 2, 2-dimethyl-3-hydroxy-carboxy-methyl-cyclo-propane-1-carboxylic acid and the lactonic form thereof".

1028/Del/92 BP Solar Ltd, "Process for making ohmic contacts and photovoltaic cell with ohmic contact". (Convention date 7th November, 91) (U.K.).

11th November 1992

1029/Del/92 Manoj Joshi, "Heat conduction, a stressed heat transfer approach".

1030/Del/92 Council of Scientific & Industrial Research, "An improved process for the preparation of pillared interlayered clay materials useful as catalysts and sorbents from Indian clays".

1031/Del/92 Council of Scientific & Industrial Research, "An improved process for the extraction of metallic values from sea modules".

1032/Del/92 Council of Scientific & Industrial Research, "An improved process for the extraction of metallic values from polymetallic sea nodules".

1033/Del/92 Council of Scientific & Industrial Research, "An improved process for the preparation of silicon wafer containing titanium disilicids film".

1034/Del/92 Lexmark International, Inc., "Automatic printer data stream language determination".

1035/Del/92 Ireco Incorporated, "Cast primer and small diameter explosive composition".

1036/Del/92 Randolph-Rand Corporation, "Magnetic latch".

1037/Del/92 Exxon Research and Engineering Co., "Improved drip pipe for application of wash liquid to filter surfaces".

1038/Del/92 The Lubrizol Corporation, "Organophosphoryl borates and lubricants and aqueous fluids containing the same".

1039/Del/92 Sanjeev Goel, "Covers for planters".

12th November 1992

1040/Del/92 Larry Wayne Fullerton, "A receiver for receiving time domain signal transmissions transmitted as a pattern of short intelligence pulses". [Divisional date 13th March, 1989].

1041/Del/92 Larry Wayne Fullerton, "A time domain radio transmitter". [Divisional date 13th March, 1989].

1042/Del/92 Corning Incorporated, "Concentrator/extractor apparatus having a hydrophobic membrane".

2043/Del/92 Basf Lacke + Farben Aktiengesellschaft, "Liquid, beam-curable coating composition for coating glass surfaces".

1044/Del/92 Ferodo Ltd. & Other, "Brakes". (Convention date 15th November, 91) (U.K.).

13th November 1992

1045/Del/92 Indo Fuel & Energy Ltd., "Domestic cooking fuel".

1046/Del/92 Rajendra Kumar, "A device for sucking sludge from sewer lines and jetting water".

1047/Del/92 Rajendra Kumar, "An apparatus for cleaning sewer lines".

1048/Del/92 B. C. Rathore & Other, "A steam operated stove".

1049/Del/92 Jose Manuel Rodriguez Ferre, "Improvements in the form of articulated structures for dolls or puppet bodies".

1050/Del/92 The Gillette Co., "Shaving system".

1051/Del/92 William Lyon Sherwood, "High-production rotary furnace steelmaking".

1052/Del/92 Hemagen/PFC, "Emulsions containing alkyl- or alkyl-glycerophosphoryl choline surfactants and methods of use".

16th November 1992

1053/Del/92 Sat Paul Kapoor, "Manufacturing of Ayurvedic medicines".

1054/Del/92 GEC Alsthom SA., "An isolating circuit-breaker for medium tension, and use thereof in a medium-tension station or bay".

1055/Del/92 GEC Alsthom SA., "A medium tension circuit-breaker for indoor or outdoor use".

1056/Del/92 GEC Alsthom SA., "A sulfur hexafluoride isolating circuit-breaker and use thereof in prefabricated stations, substations, and bays".

1057/Del/92 Aktiebolaget Astra, "Substituted benzimidazoles, process for their preparation as well as their use".

1058/Del/92 Aktiebolaget Astra, "Organic salts of N, N' diacetyl cystine".

1059/Del/92 S. N. Roy Chaudhury, "A gas flow meter".

17th November 1992

1060/Del/92 The Procter & Gamble Co., "Method of making a disposable training pant having fusion-slit side seams and disposable training pant produced therefrom".

1061/Del/92 The Procter & Gamble Co., "Elasticized disposable training pant and method of making the same".

1062/Del/92 Selex Holding AG., "Safety brake for lifting apparatus drives".

1063/Del/92 The Gillette Co., "Razors". (Convention date 27th November, 91 & 3rd November, 92) (U.K.).

1064/Del/92 Sony Corporation, "Disc cartridge".

18th November 1992

1065/Del/92 International Business Machines Corporation, "Format for data-storing disk media wherein addressable track angular length is independent of disk revolutions".

1066/Del/92 International Business Machines Corporation, "Personal computer system with security features and method".

1067/Del/92 Calgene, Inc., "Fatty acyl-CoA : Fatty alcohol acyltransferases".

1068/Del/92 Deutsche Airbus GMBH, "Blind rivet".

1069/Del/92 Balcke-Durr Aktiengesellschaft, "Method and apparatus for manufacturing heat-exchanger elements and heat-exchanger element compatible therewith".

1070/Del/92 Exxon Chemical Patents, Inc., "Refrigeration working fluid compositions".

1071/Del/92 Pfizer Inc., "Benzopyran and related LTB<sub>4</sub> antagonists".

19th November 1992

1072/Del/92 Suraj Parkash Sharma, "Self revolving machine".

1073/Del/92 Exxon Chemical Patents, Inc., "Process and apparatus for removing acid gas from a gaseous composition".

1074/Del/92 Colgate-Palmolive Co., "Dispensing container snap hinge closure".

20th November 1992

1075/Del/92 Council of Scientific & Industrial Research, "An improved process for the preparation of  $\alpha$ -substituted piperazines".

1076/Del/92 Council of Scientific & Industrial Research, "A process for the preparation of acylates of boswellic acids useful as anti-inflammatory and anti-arthritis agents".

1077/Del/92 Council of Scientific & Industrial Research, "A process for the preparation of 3-epi-B-boswellic acid and its acylates, useful as anti-inflammatory and anti-arthritis agents".

1078/Del/92 Council of Scientific & Industrial Research, "A process for the preparation of 3-epi-11-keto-B-boswellic acid and its acylates, useful as anti-inflammatory and anti-arthritis agents".

1079/Del/92 Snjoy Kumar Guha & Other, "A device for assisting the surgeon's hand during microsurgery".

1080/Del/92 Guardian Industries Corp., "Improved heat treatable sputter-coated glass systems".

1081/Del/92 Ashok Kumar Saxena, "Weaving method and apparatus".

1082/Del/92 The Procter & Gamble Co., "Absorbent article having rapid distribution strip".

1083/Del/92 The Procter & Gamble Co., "Absorbent article with comfortable and rapid acquisition topsheet".

1084/Del/92 The Procter & Gamble Co., "Absorbent article having fused layers".

1085/Del/92 The Procter & Gamble Co., "Absorbent article having meltblown components".

1086/Del/92 Clupak, Inc., "Automated/remote control apparatus and method for grinding rubber belts used to compact paper and other web material".

1087/Del/92 The Procter & Gamble Co., "Sanitary napkin wrapper and adhesive tab construction for the same".

1088/Del/92 Council of Scientific & Industrial Research, "Telecommunications network".

23rd November 1992

1089/Del/92 Council of Scientific & Industrial Research, "An improved process for the separation of 2-chlorophenol & 2, 5-dichlorophenol from isomeric mixtures of mono and dichlorophenols by proton transfer complexation with cyclic amines".

1090/Del/92 Council of Scientific & Industrial Research, "A process for the preparation of novel 1, 4-dihydro-4 (substituted aryl/heteroaryl) pyridines and unsymmetrical-4 (substituted aryl)-pyridines as a potent cardiovascular agents".

1091/Del/92 Council of Scientific & Industrial Research, "A process for the isolation of cyclohexane-1, 2, 3-tri hydroxy-4-caffeoyloxy-1-carboxylic acid (termed as anthocephanol) from anthocephalus chinensis".

1092/Del/92 Council of Scientific & Industrial Research, "An improved process for the preparation of fluoro nitrobenzenes".

1093/Del/92 Council of Scientific & Industrial Research, "Improvements in or relating to non-aqueous lithium-silver chromate button cells".

1094/Del/92 Council of Scientific & Industrial Research, "A process for the preparation of a new aluminium based alloy anode for use in aluminium alkaline batteries".

1095/Del/92 Council of Scientific & Industrial Research, "A process for the preparation of new alkaline electrolyte for use in aluminium alkaline batteries".

1096/Del/92 Council of Scientific & Industrial Research, "An equipment for continuous drying of raw materials like minerals, chemicals and food grains".

1097/Del/92 Council of Scientific & Industrial Research, "An improved process for the preparation of dichlorophenol from dichloro benzene or trichlorobenzene".

1098/Del/92 Bergwerksverband GMBH, "Process for producing carbon molecular sieves".

1099/Del/92 Aktiebolaget Astra, "New peptides derivatives".

24th November 1992

1100/Del/92 Edward A. Copping & Other, "Protective fabric".

1101/Del/92 The Gillette Co., "Razor with blade protection means". (Convention date 27th November, 91) (U.K.).

1102/Del/92 Dorr-Oliver Incorporated, "Clarifier tanks".

1103/Del/92 Imperial Chemical Industries PLC, "Chemical process". (Convention date 11th December, 91) (U.K.).

1104/Del/92 E. R. Squibb & Sons, Inc., "A process for preparing cynoguanidine compounds". [Divisional date 22nd May, 1990].

25th November 1992

1105/Del/92 General Electric Co., "Head start partial pre-mixing for reducing oxides of nitrogen in gas turbine combustors".

1106/Del/92 Sergej Mikhailovich Mazurik, "Injection syringe".

1107/Del/92 Courtaulds PLC, "Purifying solutions". (Convention date 2nd December, 91) (U.K.).

1108/Del/92 Westinghouse Air Brake Co., "A removable shaft member engageable in a ball portion of an articulated bearing assembly".

1109/Del/92 E. R. Squibb & Sons, Inc., "A process for preparing cynoguanidine compounds". [Divisional date 22nd May, 1990].

26th November 1992

1110/Del/92 Javvadi Murali, "A quartz analog time device with mechanical winding alarm system".

1111/Del/92 E. R. Squibb & Sons, Inc., "A process for preparing cynoguanidine compounds". [Divisional date 22nd May, 90].

1112/Del/92 Alcan International Ltd., "Improved process for producing low soda alumina".

27th November 1992

1113/Del/92 The Procter & Gamble Co., "Liquid laundry detergents with citric acid, cellulase, and borig-diol complex to inhibit proteolytic enzyme".

1114/Del/92 The Procter & Gamble Co., "Color-stabilization system in liquid detergent compositions".

1115/Del/92 The Procter & Gamble Co., "Rinse active foam control particles". (Convention date 3rd December, 91) (U.K.).

1116/Del/92 G. K. Kabra, "A device for determining the presence of an a-c voltage".

1117/Del/92 Dassault Aviation, "Process for sealing an anodisation layer obtained in a chromic bath".

1118/Del/92 Dr. Beck & Co. Aktiengesellschaft, "Wire coatings and process for their preparation".

1119/Del/92 Domino Printing Sciences PLC, "Continuous ink jet printing". (Convention date 29th November, 91) (U.K.).

1120/Del/92 Imperial Chemical Industries PLC, "Water separation process". (Convention date 10th December, 91, 3rd September, 92 & 15th September, 92) (U.K.).

APPLICATIONS FOR PATENTS FILED AT THE  
PATENT OFFICE BRANCH, MUNICIPAL MARKET  
BUILDING, 3RD FLOOR, KAROL BAGH,  
NEW DELHI-110003

30th November 1992

1121/Del/92 Piaggio Veicoli Europei S.P.A., "Variable-speed drive, particularly for two-wheeled vehicles".

1122/Del/92 V. K. Singh, "High pressure injection system for I.C. engines for dual fuel operation using hybrid control technique".

1123/Del/92 Council of Scientific & Industrial Research, "A process for the preparation of 6-bromo-5-nitro-1-substituted-9H-pyrido (3, 4-b) indoles useful as antifungal agents".

1124/Del/92 Council of Scientific & Industrial Research, "An improved hot dip process for galvanizing of steels".

1125/Del/92 Council of Scientific & Industrial Research, "An electronic safety device useful for the protection of electrical/electronic equipment".

1126/Del/92 Council of Scientific & Industrial Research, "A process for the preparation of 7-bromo-1-phenyl-8-acetoamido-9-H-pyrido (3, 4-b) indoles useful as antifungal agents".

1127/Del/92 Council of Scientific & Industrial Research, "A process for the preparation of 7-bromo-1-phenyl-8-methane sulfonamido-9H-pyrido (3, 4-b) indoles useful as antifungal agents".

1128/Del/92 Rohm & Haas Co., "Process for particle adsorption".

1129/Del/92 Rohm & Haas Co., "Process for preparing an aqueous dispersion of composite particles including polymeric latex in the presence of a pigment dispersant".

1130/Del/92 Rohm & Haas Co., "Process for preparing an aqueous dispersion".

1131/Del/92 Rohm & Haas Co., "Process for preparing an aqueous dispersion including polymeric latex and titanium dioxide pigment".

1st December 1992

1132/Del/92 Sah Industrial Research Institute, "Dynamic braking system for three & single phase industrial electric grinder/polisher".

1133/Del/92 Shell Internationale Research Maatschappij B. V., "Selective hydrogenation of conjugated diolefin polymers".

1134/Del/92 The B. F. Goodrich Co., "Polyvinyl chloride compositions having high surface tension".

1135/Del/92 Ingersoll-Rand Co., "Method and apparatus for setting clearance for fluid displacement device rotors".

1136/Del/92 Interlox International, "Process for the manufacture of hydrogen peroxide".

2nd December 1992

1137/Del/92 Glaxo Group Ltd., "Device" (Convention date 3rd December 1991) (U.K.).

1138/Del/92 Praxair Technology, Inc., "Method of decarburizing molten metal in the refining of steel using neural networks".

1139/Del/92 Tambrands, Inc., "Tampon applicator".

1140/Del/92 Tambrands, Inc., "Spirally wound tampon with overwrap".

3rd December 1992

1141/Del/92 Richardson-Vicks, Inc., "Novel sunscreen metal complexes".

1142/Del/92 Richardson-Vicks, Inc., "UVA-absorbing sunscreen metal complexes".

1143/Del/92 Richardson-Vicks, Inc., "Process for preparing UVA-absorbing sunscreen metal complexes".

1144/Del/92 The Procter & Gamble Co., "Absorbent article having elasticized side flaps".

1145/Del/92 Cosmo Films Ltd., "A process for the preparation of synthetic paper".

1146/Del/92 Council of Scientific & Industrial Research, "A process for the synthesis of N-(4-cyano pyrazole-5-yl)-dithiomethylcarbamidates useful as antimalarials".

1147/Del/92 Council of Scientific & Industrial Research, "A process for preparing thermotropic liquid crystalline elastomers".

1148/Del/92 Council of Scientific & Industrial Research, "A process for the synthesis of antimalarial 2, 4-di-(4-chloro-3-nitro aniliny)-6- amino-s-triazine".

1149/Del/92 Council of Scientific & Industrial Research, "A process preparing thermotropic liquid crystalline elastomers".

1150/Del/92 Paul Wurth S.A., "Blowing lance suspension with integrated medium supply".

1151/Del/92 Rohm & Haas Co., "Method for increasing the hiding power of paint".

1152/Del/92 Societe De Conseils De Recherches Et D'Applications Scientifiques (S.C.R.A.S.), "A method for the preparation in non-racemic form of 1, 3-dihydro-7-hydroxy furo (3, 4-C) pyridine derivative". (Convention date 27th July, 89) (U.K.) & [Divisional date 18th July, 90].

4th December 1992

1153/Del/92 Sterling Wingthrop Inc., "Contrast agents for ultrasound imaging".

1154/Del/92 The B. F. Goodrich Co., "A process for the preparation of pelletized vinyl chloride homopolymer and glass fibers". [Divisional date 20th February, 89].

1155/Del/92 The B. F. Goodrich Co., "A process of making a triazining containing polysilane". [Divisional date 4th December, 92].

#### ALTERATION OF DATE UNDER SECTION-16

171944

(409/Cal/89)

Antedated to 01-05-1986

171950

(281/Cal/91)

Antedated to 01-05-1986

#### COMPLETE SPECIFICATION ACCEPTED

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## स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदन में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्माण की तिथि से 4 महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी निर्यत्रक, एकत्र को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित दस्तावेज, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अंतर-राष्ट्रीय वर्गीकरण के अनुरूप है।”

नीचे सूचीगत विनिर्देशों की सीमित संख्याक मुद्रित प्रतियां, भारत सरकार बुक डिपो, 8, किरण शंकर राय रोड, कलकत्ता से विक्रय हेतु यथा समय उपलब्ध होंगी। प्रत्येक विनिर्देश का मूल्य 2/- रु. है। (अतिरिक्त डाक शुल्क)। मुद्रित विनिर्देश की आपूर्ति हेतु मांग-पत्र के साथ निम्नलिखित सूची में यथा प्रदर्शित विनिर्देशों की संख्या संलग्न रहनी चाहिए।

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की दृष्टित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 4 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 4/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Class : 32-E [GROUP—IX(1)] 171931  
Int. Cl. : C 08 J 3/24.

## A PROCESS FOR PREPARING A VULCANIZED POLYMER COMPOSITION.

Applicant: POLYSAR LIMITED, OF SARNIA, ONTARIO, CANADA, A CANADIAN COMPANY DULY INCORPORATED UNDER THE DOMINION COMPANIES ACT.

Inventor: HERBERT FRANZ SCHWARZ.

Application No. 783/MAS/88 filed November 9, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

## 6 Claims (No drawing)

A process for preparing a vulcanized polymer composition comprising admixing

- (i) from 20 to 50 weight percent carboxylated nitrile rubber, and
- (ii) from 20 to 50 weight percent polyvinyl chloride, and

- (iii) from 5 to 30 weight percent polycaprolactone, such that the total of said (i), said (ii) and said (iii) is 100 weight percent, and
- (iv) from 0.2 to 10 parts by weight peroxy curing agent,
- (v) from 3 to 10 parts by weight coagent for said peroxy curing agent,
- (vi) from 1 to 4 parts by weight stabilizer, and
- (vii) from 0.2 to 4 parts by weight antioxidant said admixing being carried out at a temperature between 80° and 155°C which is above the activation temperature of said peroxy curing agent, for a sufficient length of time, between 5 to 10 minutes to cause admixing and vulcanization but not to cause significant thermal degradation of said carboxylated nitrile rubber, said polyvinyl chloride, or said polycaprolactone.

(Com. 17 pages)

Ind. Class : 48-A [GROUP—LVIII(3)]

171932

Int. Cl. : B 65 H 69/06

H 02 G 15/04.

## A SPLICE CLOSURE FOR PROVIDING ENVIRONMENTAL PROTECTION TO A WIRE SPLICE.

Applicant: MINNESOTA MINING AND MANUFACTURING COMPANY, INCORPORATED IN THE STATE OF DELAWARE, OF 3M CENTER, SAINT PAUL, MINNESOTA 55144-1000, UNITED STATES OF AMERICA.

Inventors :

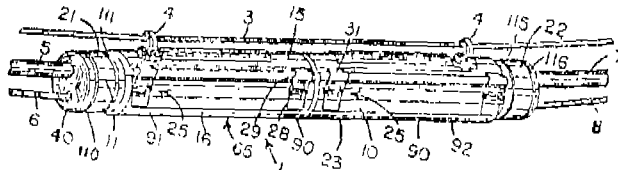
- (1) MARK M. RUTENBECK.
- (2) KENNETH D. REBERS.
- (3) WILLIAM J. SEIM.

Application No. 833/MAS/88 filed November 25, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

## 11 Claims

A splice closure for providing environmental protection to a wire splice; said splice closure comprising (a) an elongate cylindrical casing having a longitudinal hinge means and a corresponding, longitudinal opening seam positioned in spaced relationship to said hinge means; said casing having a sidewall section of double-wall construction defining an inner-wall portion and an outer-wall portion, with at least one cavity therebetween and first and second opposite end walls extending between said inner-wall portion and said outer-wall portion to close each cavity; and (b) latch means for selectively retaining said closure in a closed orientation, along said opening seam.



(Com. 26 pages)

Drawgs. 5 sheets)

Ind. Class : 125-B [GROUP—XLI(8)]

171933

Int. Cl. : A 23 G 9/28.

## DISPENSING APPARATUS FOR DISPENSING A FROZEN PRODUCT.

Applicant & Inventor: SHANE ROBERT MCGILL, OF 2 SAUMUR WAY, WARWICK, WARWICKSHIRE, ENGLAND, OF BRITISH NATIONALITY.

Application No. 841/MAS/88 filed November 28, 1988.

Convention date : December 10, 1987; (No. 8728904; Great Britain).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

### 11 Claims

Dispensing apparatus for dispensing a frozen product which comprises, deformable container means (14) for the product having outlet tube means (41), the container being releasably mounted; dispensing means (12, 31) having drive means (11, 31) for deforming the container means (14) to reduce its internal volume and cause the product to issue from the outlet tube means (41) in incremental quantities by progressive deformation of the container means; shut-off valve means (51-54) for controlling the discharge of product from the outlet tube means (41); a housing (35, 36, 37, 38) defining a chamber for receiving the container means; refrigeration means whereby the housing (36, 37), the container means (14) and product are kept at a low temperature; and location means (36, 37) for the container means whereby the container means is secured releasably in the housing wherein the container means has two opposed ends (33, 62) between which is a deformable side wall (60), one end (62) of the container means comprising an end wall engaging abutment means (38) defined by the housing and said outlet tube (41) being located at said one end wall (62), the drive means has a plunger (31) which engages the other end (33) of the container means (14) opposite to the outlet tube, whereby upon operation of the drive means (31) the length of the container means is progressively reduced.

(Com. 20 pages;

Drawgs. 5 sheets)

Ind. Class : 172 D4 [XX]

171934

Int. Class.<sup>4</sup> : D 01 H 13/00.

### A SPINNING DEVICE FOR MAINTAINING SPINNING AND SPOOLING STATIONS.

Applicant : SCHUBERT & SALZER MASCHINENFABRIK AKTIENGESELLSCHAFT OF FRIEDRICH-EBERT-STRASSE 84, 8070 INGOLSTADT, GERMANY, A GERMAN COMPANY.

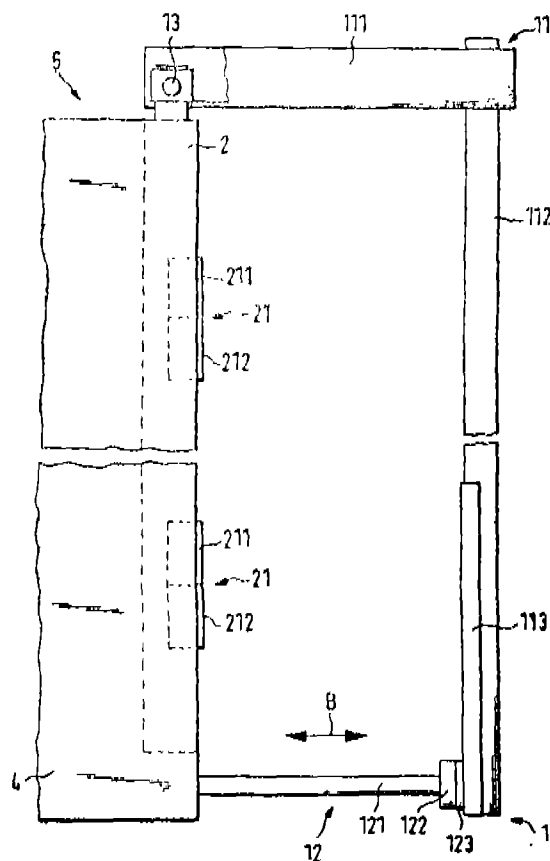
Inventors : 1. RUPERT KARL and 2. RUDOLF BECKER.

Application No. 851/MAS/88 filed on 29th November 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

### 12 Claims

A spinning device for maintaining spinning and spooling stations movable along the spinning machine and consisting of control and drive components in a casing (4) characterised in that the said casing (4) is provided with covers (2, 3) and an anti-collision means (1) acting opposite to the direction of motion, the said anti-collision means (1) having two components, the first component (11) being rotatably connected to the side cover (2) of the said casing (4) and the second component (12) being means for operating the control components.



(Com. specn. 16 pages;

Drwg 3 sheets)

Ind. Class : 31 C [LVIII(2)]

171935

Int. Class.<sup>4</sup> : H 05 B, 3/12, 3/34.

### AN ELECTRICAL HEATING PAD.

Applicant : THERMON MANUFACTURING COMPANY A CORPORATION DULY ORGANISED UNDER THE LAWS OF THE STATE OF TEXAS OF 100 THERMON DRIVE SAN MARCOS TEXAS 78666 U.S.A.

Inventors : 1. DAVID CURTIS GOSS & 2. CHANDRAKANT MANISHANKAR YAGNIK.

Application No. 06/MAS/89 filed on 3rd January 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

### 11 Claims

An electrical heating pad having a first conductor and a second conductor each extending parallel one to the other and each spaced apart one from the other for conveying electrical current and for conducting heat, said first and said second conductor comprising a substantially flat sheet of electrically and thermally conductive material, heating means comprising variable resistance heating material being electrically connected between said first and said second conductor, said variable resistance heating material having a positive temperature coefficient, electrical insulating means being provided between said first and second conductor to prevent contact there between and electrical insulating material being disposed externally and around of said first and second conductor.



Ind. Class : 69-A [GROUP—LIX(1)]

171936

Int. Cl.<sup>4</sup> : H 01 H 83/12.**A SOLID STATE TRIP DEVICE FOR AN ELECTRICAL CIRCUIT-BREAKER.**

Applicant : MERLIN GERIN, OF 2, CHEMIN DES SOURCES-F 38240 MEYLAN, FRANCE, OF FRENCH NATIONALITY.

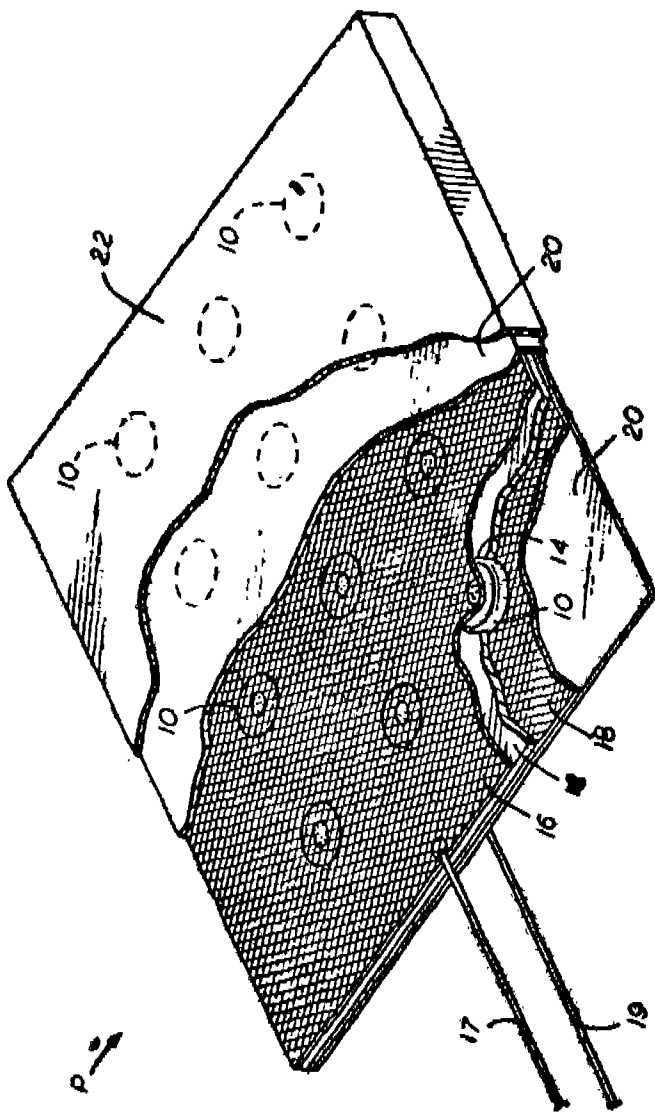
Inventors : (1) TRIPODI PAUL (2) WEYNACHTER LUC.

Application No. 73/MAS/89 filed January 27, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

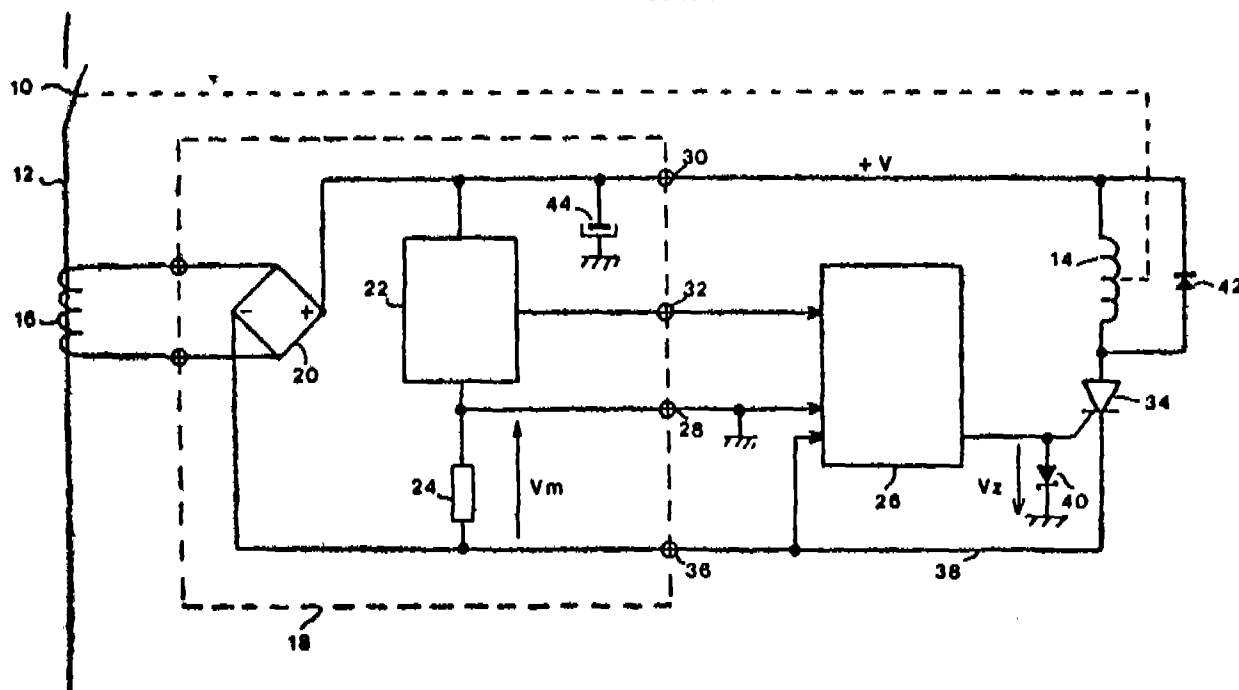
**11 Claims**

A solid state trip device for an electrical circuit breaker (10), comprising : a current detection circuit (16) for delivering analog A.C. signals proportional to a current flowing through a conductor (12), a combined rectifier, measurement and power supply circuit (18) for providing power to components of said trip device and for delivering a measurement voltage ( $V_m$ ) at measurement terminals (28, 36); a processing unit 26 connected to said measurement terminals for generating at an output terminal a tripping order to effectuate a trip coil (14), with or without a delay, when said measurement voltage ( $V_m$ ) exceeds a preset threshold; and thyristor (34) having a floating cathode (38) and connected in series with said trip coil (14) for regulating current flow through said trip coil (14), a gate of said thyristor (34) being connected to said output terminal in such a way that the trip coil (14) causes the circuit breaker (10) to open when said tripping order is delivered by the electronic processing unit (26); wherein said measurement voltage ( $V_m$ ) is applied between ground and said cathode (38), and a Zener diode (40), whose anode is connected to the thyristor gate and whose cathode is connected to the ground, is provided for determining an instantaneous tripping pick-up of the trip device.



(Com. specn. 12 pages;

Drwgs. 2 sheets)



(Com. specn. 17 pages;

Drwgs. 4 sheets)

Ind. Class : 179-B [GROUP-XL(6)]

171937

Int. Cl.<sup>4</sup>: B 67 C 3/22.

A DISPENSER FOR DISPENSING SLUGS OF CRYOGENIC LIQUID TO BOTTLES OR CANS ON A BOTTLING OR CANNING LINE.

Applicant: AIR PRODUCTS AND CHEMICALS, INC., OF P O BOX 538, ALLENTOWN, PENNSYLVANIA 18105, U.S.A., A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE.

Inventor: JEREMY PAUL MILLER.

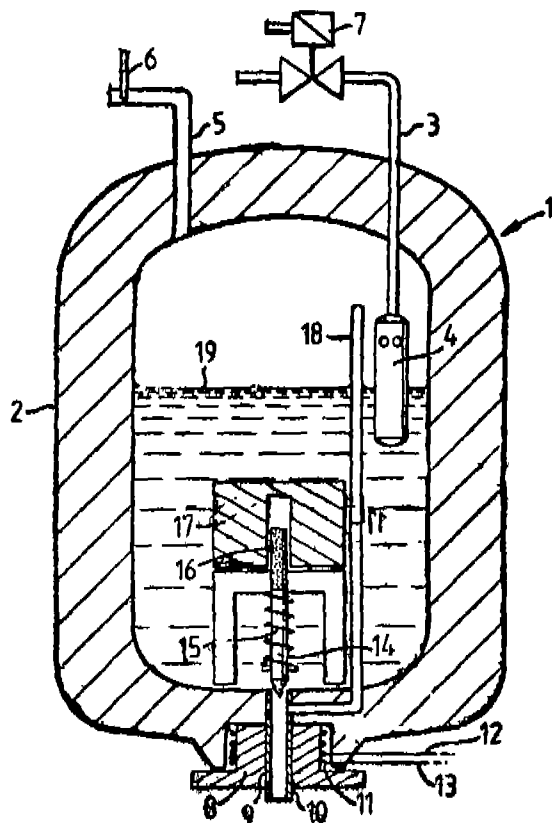
Application No. 80/MAS/89 filed January 30, 1989.

Convention date: February 29, 1988;  
(No. 88 04760; United Kingdom).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

## 3 Claims

A dispenser for dispensing slugs of cryogenic liquid to bottles or cans on a bottling or canning line comprising a vessel for holding cryogenic liquid, a dispenser tube mounted on said vessel, said dispenser tube has an inlet and an outlet end, said inlet end communicating with said vessel, a valve associated with the inlet of said dispenser tube and operable to allow or inhibit the flow of cryogenic liquid from said vessel through said outlet of said dispenser tube and means for opening and closing said valve at least 600 times per minute, said means for opening and closing has a permanent magnet connected to said valve and a coil circumjacent said permanent magnet to receive direct current, heating means for heating cryogenic fluid in said dispenser tube and a gas relief tube communicating with said dispenser tube between said valve and said outlet.



(Com. specn. 11 pages)

Drg. 1 sheet)

Ind. Class : 98-G [GROUP-VII(2)]

171938

Int. Cl.<sup>4</sup>: F 28 C 3/10.

## HEAT EXCHANGER.

Applicant: F L SMIDT & CO A/S, VIGERSLEV ALLE 77, DK-2500 VALBY, DENMARK, A COMPANY ORGANIZED UNDER THE RULES OF DENMARK.

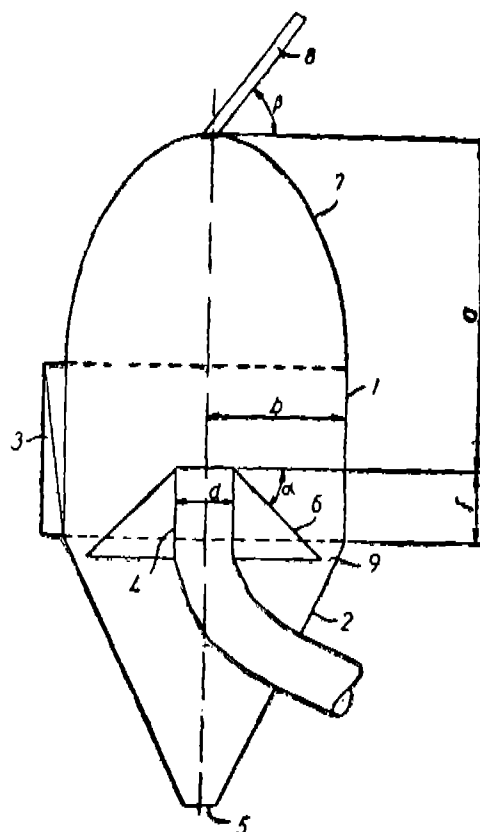
Inventor: OLE ANDREASEN

Application No. 132/MAS/89 filed February 17, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

## 5 Claims

A heat exchanger in the form of a vessel having a cylindric central part (1), a downward tapering conical base (2), a concave downwards orientated upper part (7) facing the central part and constituting the upper delimitation of the heat exchanger, a tangential gas inlet (3) in the wall of the cylindric central part and within the vessel an axially mounted gas outlet (4) contributing to form a spiral gas flow inside the vessel, at least one material inlet (8) mounted in the upper part of the vessel, and a material outlet (5) at the lower part of the vessel; the said material inlet (8) being placed to impart to the pulverulent solid material introduced into the heat exchanger a centrifugal momentum for conveying said introduced material, while heat exchanging with gas, through the heat exchanger counter-currently to the gas which moves centripetally from the said gas inlet (3) towards the said axially mounted gas outlet (4); the said axially mounted gas outlet being a downwardly orientated pipe (4) which extends from its axial central position inside the vessel down through the said conical base (2) of same; and the said upper end of the said gas outlet pipe (4) inside the cylindrical central part (1) of the vessel being provided with a downwards having heat resistant skirt (6), characterized in that the radius  $b$  of the central part (1) is within the range  $1.5 \leq b \leq 3.0d$ , where  $d$  is the diameter of the gas outlet pipe (4); and the distance 'a' from the upper end of the gas outlet pipe (4) to the top of the upper part (7) of the heat exchanger is within the range  $2d \leq a \leq 5d$ .



(Com. specn. 12 pages)

Drwgs. 3 sheets

Int. Class : 128 G, H [XIX(2)]

171939

Int. Class<sup>4</sup> : A 61 B 17/22.**URETHRAL VALVOTOME.**

Applicant : DR. MOHAN KUNNATH ABRAHAM, KUNNATH, FATHIMA ROAD, ELAMKULAM, COCHIN-20, KERALA, INDIA.

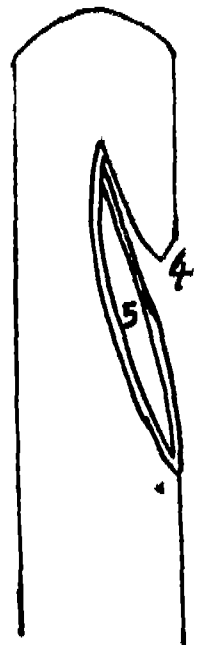
Inventor : DR. MOHAN KUNNATH ABRAHAM.

Application No. 230/MAS/89 filed on 23rd March 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972, Patent Office Branch, Madras-2.

3 Claims

A surgical device comprising of a metal tube, one end of the said tube being made into a hook '1' with an opening '5' just under the hook and a handle '2' attached near the other end '3' through which urine that enters through the said opening '5' comes out.



(Com. specn. 5 pages;

Drwgs. 4 sheets)

Ind. Class : 102-D-[GROUP-XXIX(1)]

171940

Int. Cl.<sup>4</sup> : F 03 B 11/06.**VERTICAL-AXIS ELECTRICAL MACHINE OF UMBRELLA DESIGN.**

Applicant : ASEA BROWN, BOVERI LTD., OF CH 5401 BADEN, SWITZERLAND, A SWISS COMPANY.

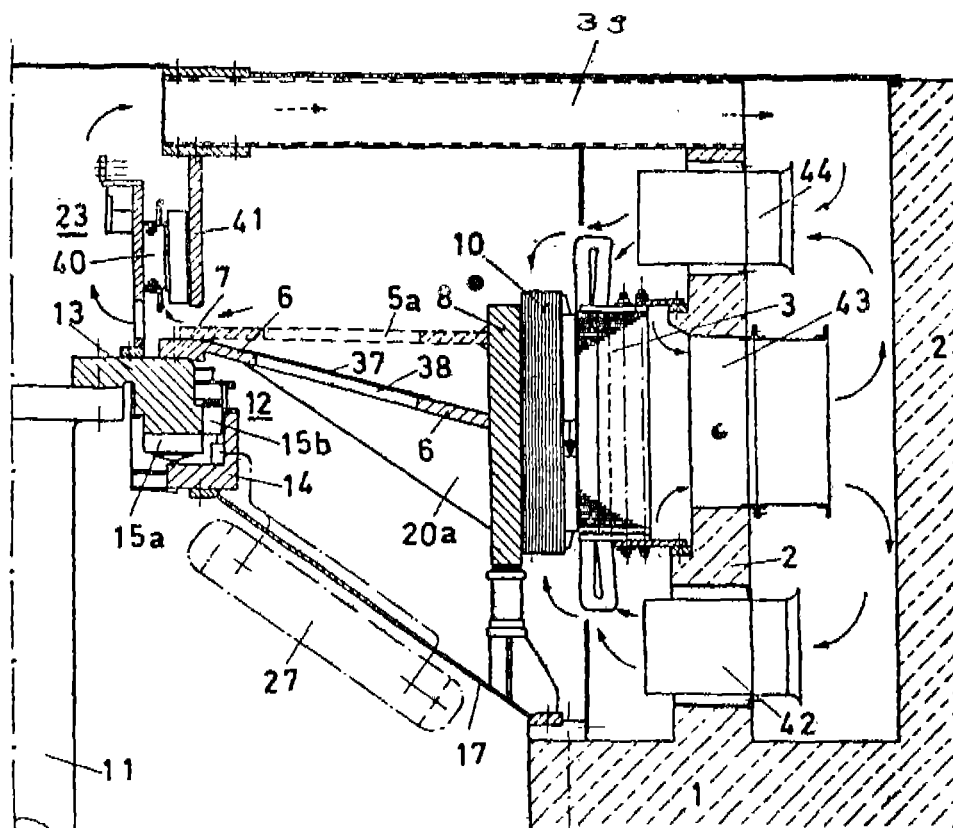
Inventor : MIHAILO STARECEVIC.

Application No. 260/MAS/89 filed April 3, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

12 Claims

A vertical-axis electrical machine of umbrella design, especially a hydraulic generating set, having a stator (3) which is mounted on a foundation (1) or is supported in a foundation pit against the pit wall (2), there, and an essentially disc-shaped rotor (4) with a combined thrust and guide bearing (12) which is mounted on a bearing support structure likewise supported on the foundation (1), wherein the bearing support structure is designed as a hollow truncated cone (17), the lower end of the hollow truncated cone, which has the larger diameter, is supported directly on the foundation (1) and anchored there, and the combined thrust and guide bearing (12) is arranged at the other (upper) end of the hollow truncated cone.



(Com. specn. 12 pages;

Drwgs. 2 sheets)

Cl.: 146 C, D.

171941

Int. Cl.: G 01 B, 15/04.

**DEVICE FOR RECONSTRUCTING THE SHAPE AND POSITION OF OBJECTS IN SPACE.**

Applicant & Inventors: ETIENNE SCHLUMBERGER OF TOUR PLEIN CIEL, 8 RUE EMILE DESLANDRES, 75013 PARIS, FRANCE, AND MAURICE SCHLUMBERGER OF LE CHURUT, 38700 LE SAPPEY EN CHARTREUSE, FRANCE.

Application No. 1017/Cal/88; filed on 8th December 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

**6 Claims**

A device for reconstructing the shape and position of objects (1, 1a) in space comprising as first means, a number of radiation sources (S1, S2, S3) generating waves, such as herein described, for obtaining at least three projections (P1, P2, P3) of said objects by transmission of said waves influenced by their passage through said objects from the sources (S1, S2, S3) of said waves,

—second means, such as herein described, sensitive to said radiation for determining in respect of each point of these projections (P1, P2, P3) the distance (di, li) traversed through the objects by each ray derived from one of the source and generating data representing said distance; and

—third means, constituted by a data processing apparatus for receiving said data and for performing the following steps:

A—determining the volume (V) which contains the object and the rays derived from data related to the waves generated by the three sources (S1, S2, S3) which traverse said object,

B—determining the reliable points of the contour of the objects such as the points of tangency to the object of the planes which pass through two sources,

C—plotting the distances (di, li) traversed by the rays within the object from the external limits of the volume (V) which contains the object,

D—

D—determining the overlaps of the distances traversed by the rays from the aforesaid volume so as to define a first space (E1, E2) which is necessarily located inside the object,

E—plotting the distances traversed by the rays within the object from the external limits of the first space aforesaid (E1, E2) in order to define a second space (E3) which is necessarily located outside the object and which is more restricted than the volume (V) aforesaid,

F—

F—plotting the distances traversed by the rays within the object from the external limits of the second space aforesaid (E3) in order to define a third space (E4) which is necessarily located inside the object and which is more extensive than the first space,

G—determining in the same manner as in step E a fourth space (E5) which is necessarily located outside the object and which is more restricted than the second space (E3), and

H—determining by recurrence spaces located outside and inside the object in increasingly close proximity to said object.

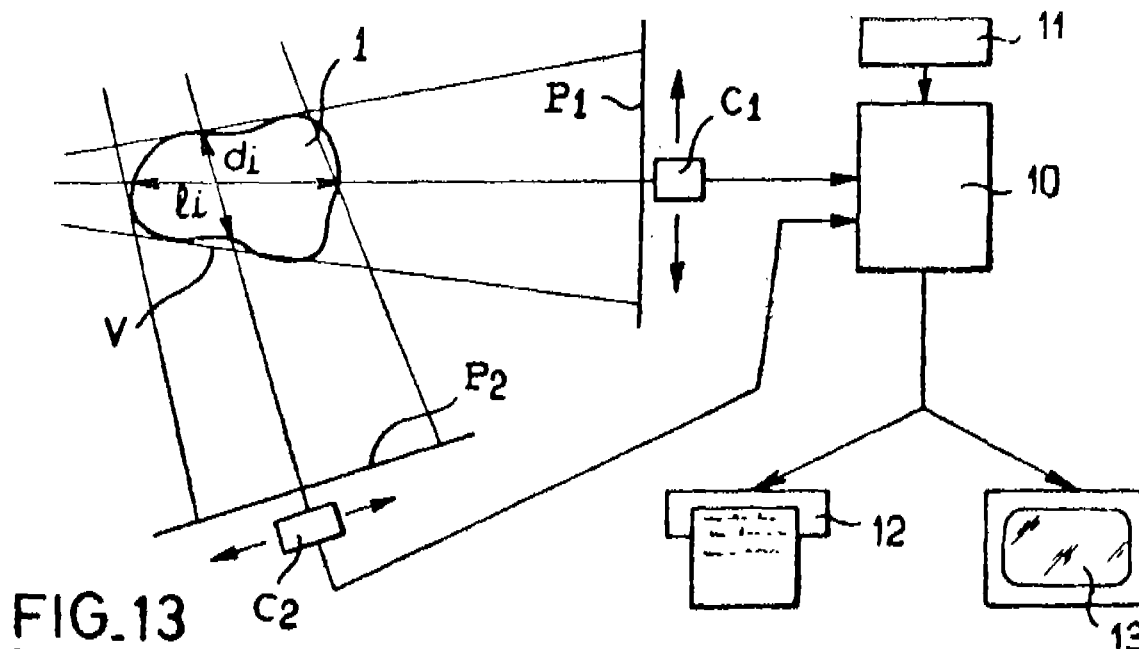


FIG. 13

(Compl. specn. 22 pages.

Drgs. 6 sheets)

Cl.: 69 O

171942

Int. Cl.: H 01 H 1/00.

METHOD FOR PRODUCING A SILVER BASED SINTERED CONTACT MATERIAL FOR USE IN ENERGY TECHNOLOGY SWITCH-GEAR.

Applicant: SIEMENS AKTIENGESELLSCHAFT OF WITTELSBACHERPLATZ 2, D-8000, MUNCHEN 2, WEST GERMANY.

Inventors:

- (1) HAUFE WOLFGANG,
- (2) GROSSE JOACHIM,
- (3) ROTHKEGEL RITA GERTRUD.

Application No. 360/Cal/89; filed on 10th May 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

**8 Claims**

Method for producing a silver based sintered contact material for use in energy technology switch-gear comprising silver and at least iron and/or titanium as active components and selectively further metal compounds, whereby in the manufacturing process.

as main active component both iron (Fe) and titanium (Ti) are used in alloyed form

and as selective additional active component at least one member selected from the group consisting of metal nitride, metal carbide, metal boride, and mixtures thereof is chosen

whereby all active components being present in the contact material in a proportion in percent by volume between 2% and 50%

and said additional active component comprising in percent by volume up to 50% with reference to the proportion of iron and titanium and the balance is silver.

(Compl. specn. 10 pages.

Drgs. Nil)

Cl.: 68 E 1

171943

Int. Cl.: B 60 L 15/00.

A VEHICLE PROPULSION CONTROL SYSTEM FOR A TRACTION VEHICLE.

Applicant: GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD, SCHENECTADY, STATE OF NEW YORK 12345, UNITED STATES OF AMERICA.

Inventors:

- (1) EDGAR THOMAS BALCH,
- (2) HAROLD STEVENSON HOSTETTLER,
- (3) DAVID JOHN KONKO.

Application No. 366/Cal/89; filed on 12-05-1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

**92 Claims**

A vehicle propulsion control system for a traction vehicle having a plurality of wheels that are subject to slipping with respect to the surface on which the vehicle travels comprising:—

a plurality of adjustable speed electric motors operatively connected to separate wheels of the vehicle;

a controllable source of electric power operatively connected to the respective motors;

means, associated with the source of power, for varying the magnitude of its output current or voltage in accordance with a variable control signal;

means for deriving a feedback signal representative of the actual current or voltage magnitude;

a plurality of means for respectively sensing the rotational speeds of the separately driven wheels, the control signal being provided by a controller to which the speed sensing means are operatively connected and which is operative to vary the control signal as necessary to minimize any difference between the feedback signal and a reference signal the value of which normally depends on the value of a variable command signal; and

(f) means, associated with the obtaining means, for reducing the value of the reference signal by an amount related to the correction value.

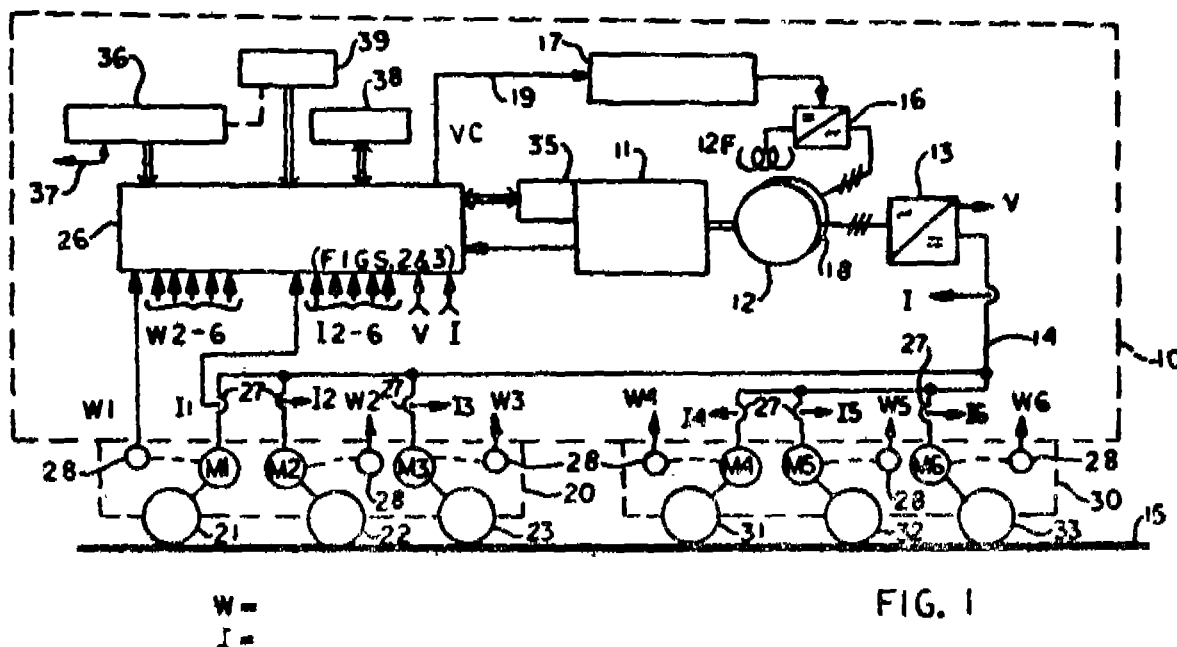


FIG. 1

Drgs. 12 sheets)

(1) CHRISTER BERGSTROM,  
(2) JOHAN VON KNORRING.  
(3) MIKKO KARTTUNEN.

Application No. 429/Cal/89; filed on 02nd June 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims

Method for preparing a plastic coated steel tube, characterised by providing in a manner known per se at least one layer of a polyolefin such as herein described which has been modified with a hydrolysable silane such as herein described.

Compl. specn. 16 pages.

Drgns. Nil)

Cl. : 99 H; 14 H

171946

Int. Cl. : B 65 D 33/24.

CONTAINER UNIT FOR THE TRANSPORTATION AND STORAGE OF MATERIAL IN LIQUID OR POWDER FORM.

Applicant : SOTRALENTZ S.A. OF 24, RUE DU-PROFESSEUR-FROELICH, F-67320 DRULINGEN, WEST GERMANY.

Inventors :

(1) PIERRE PFEIFFER.

(2) BENOIT CHEVAL.

(3) PAUL SIGWALT.

Application No. 698/Cal/89; filed on 28th August 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A container unit for the transportation and storage of material in liquid or powder form, comprising :

a load-bearing outer container of thermoplastic material and an inner container in the form of a sac made from plastic sheeting,

said sac being adapted to the interior of the outer container, the outer container having an outlet pipe spigot in its outer surface near the base, said spigot having an external screw-thread for a cap or for the connection of fittings while the container lid has an aperture which is of large calibre in relation to the outlet pipe spigot and which is closable, the said sac being fillable with the filling material and, when filled, being supportable against the outer container, characterised in that the sac (2) made of plastic sheeting has a hose spigot (1) which can be secured to the outer edge of the outlet pipe spigot (5) and, by means of a valve (11) screwed on the outlet pipe spigot (5) is closable and openable for emptying purposes, and in that the sac (2) completely or partially filled with the filling material is disposed in the outer container so that its top is free of the container lid aperture (9).

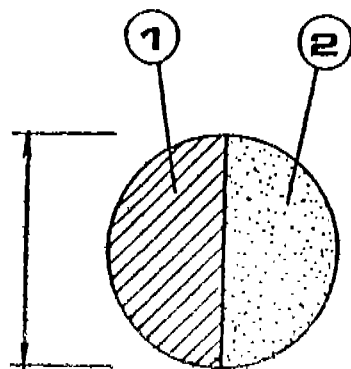


FIG. 1

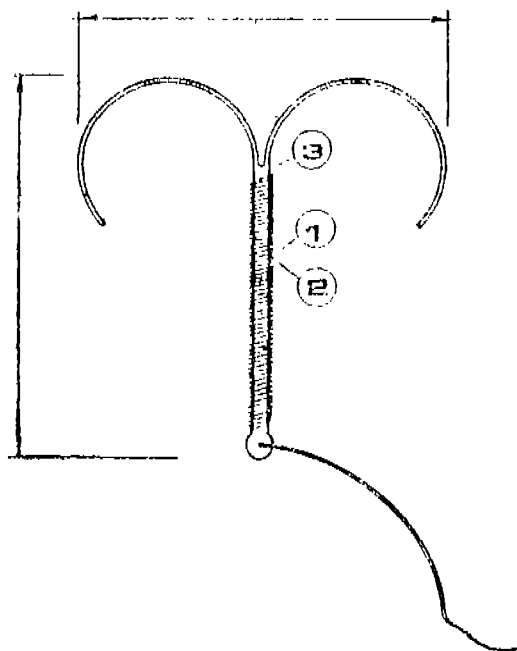
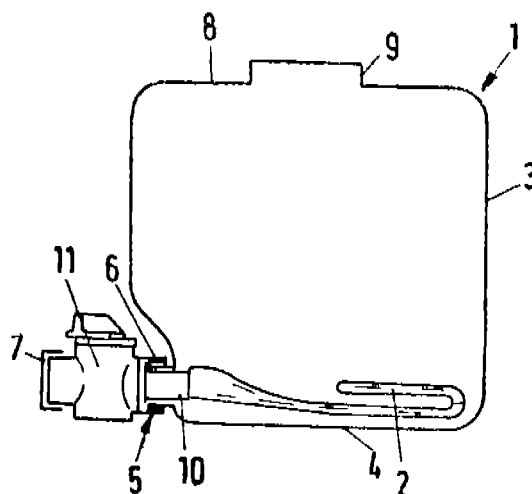


Fig. 1



Compl. specn. 9 pages.

Drgns. 2 sheets.

Cl. : 128 G. 171947

Int. Cl.<sup>4</sup> : A 61 F 5/47;**"BIMETALLIC SPIRAL INTRAUTERINE DEVICE".**

Applicant &amp; Inventors : FRANCESCO PIANETTI. OF VIA TURATI 22, 20013 MAGENTA, MILAN, ITALY.

Application No. 755/Cal/89; filed on 14th September, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**6 Claims**

Intrauterine device consisting of a spiral metallic wound on a plastic material support, characterised in that said spiral consists of a pair of different metals such as herein described being in strict contact one with the other, and both in contact with the uterine environment.

Compl. specn. 6 pages.

Drgns. 3 sheets.

Cl. : 55 E 4 171948

Int. Cl.<sup>4</sup> : C 12 N 15/00**"A PROCESS FOR PREPARING A GENETIC CONSTRUCT SUITABLE FOR INCORPORATION INTO THE GENETIC MATERIAL OF AN ANIMAL TO PRODUCE A TRANSGENIC ANIMAL".**

Applicant : IMUTRAN LIMITED OF 21 HOLBORN VIADUCT, LONDON, EC1A 2 DY, UNITED KINGDOM.

Inventors : DAVID JAMES WHITE AND ALAN FREDERIC WILLIAMS.

Application No. 872/Cal/90; dated 12 October, 1990.

(Convention No. 8922987.6 and 9017198.4 dated 12-10-89 and 06-08-90; both are United Kingdom).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**11 Claims**

A process for preparing a genetic construct suitable for incorporation into the genetic material of an animal to produce a transgenic animal, the construct comprising DNA coding for at least one homologous complement restriction factor (HCRF) and one or more sequences to enable the coding DNA to be expressed in at least some cells of a transgenic animal genetically incorporating the construct, the process comprising coupling successive nucleotides together.

Compl. specn. 56 pages.

Drgns. 12 sheets.

Cl. : 55 E 4. 171949

Int. Cl.<sup>4</sup> : A 61 K 9/32, 9/58.**"A PROCESS FOR PREPARING A SIMULATED CAPSULE-LIKE FORM OF A KNOWN MEDICAMENT".**

Applicant : MCNEIL-PPC, INC. OF VAN LIEW AVENUE, MILLTOWN, NEW JERSEY 08850, UNITED STATES OF AMERICA.

Inventors : (1) MARLI F. BATISTA, (2) THOMAS I. MARKLEY.

Application No. 1032/Cal/90; filed on 14th December, 1990.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**9 Claims**

A process for preparing a simulated capsule-like form of a known medicament comprising the steps of : granulating and compressing a mixture of said medicament and excipients to form a solid caplet core applying a dual subcoating comprising an initial coating comprising a known water soluble

film forming polymer and a second coating comprising a mixture of a known water soluble film forming polymer and a known hydrophobic plasticizer such as herein described to the solid caplet core; and applying a smooth outer coating a gelatinous nature to the subcoated caplet core to provide a smooth, uniform and substantially bubble free outer coating appearance to the capsule-like medicament.

Compl. specn. 23 pages.

Drgns. Nil.

Cl. : 67 C 171950

Int. Cl. : G 06 F, 15/00;

**"DIGITAL DATA PROCESSORS FOR PROCESSING INSTRUCTIONS IN AN INSTRUCTION STREAM".**

Applicant : DIGITAL EQUIPMENT CORPORATION OF 111 POWDERMILL ROAD, MAYNARD, MASSACHUSETTS 01754, UNITED STATES OF AMERICA.

Inventors : (1) DAVID NELL CUTLER, (2) DAVID ARTHUR ORBITS, (3) RICHARD THOMAS WITEK.

Application No. 281/Cal/91; filed on 11th April, 1991; (Divided out of No. 529/Cal/88; antedated to 28-06-1988).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**12 Claims**

A digital data processor for processing instructions in an instruction stream, instructions comprising said instruction stream including a condition instruction type and a fault instruction, said processor including :

A. condition instruction execution means for generating, during processing of an instruction in said instruction stream of said condition instruction type, a condition flag indicating whether a fault condition exists and storing said condition flag in a predetermined location in said processor;

B. fault instruction execution means responsive to a subsequent fault instruction for testing the condition of said condition flag and executing a fault instruction sequence in response to said condition flag indicating a fault condition and otherwise enabling said processor to execute the next instruction in said instruction stream in response to another condition of said condition flag.

Compl. specn. 21 pages.

Drgns. 6 sheets.

**PRINTED SPECIFICATION PUBLISHED**

A limited number of printed copies of the undernoted specifications are available for sale from the Patent Office Calcutta, and its branches at Bombay, Madras, and Delhi at two rupees per copy :—

**(1)**

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160500 160501 160502 160503 160504 160505 160506 160507  
160508 160509 160510 160511 160512 160513 160514 160515  
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160628 160629 160630 160631 160632 160633 160634 160635  
160636 160637



## NOT PATENTABLE UNDER SECTION 4

Application for Patent No. 425/Cal/92 filed by United States Department of Energy, U.S.A. for combined transuranic-strontium extraction process" is refused U/S. 4 of the Patents Act, 1970.

## PATENTS SEALED ON 15-1-93

168362 169477 169613 169616 169617 169619 169620 169629  
169632 169634 169635 169708 169722\* 169723 169724  
169725 169726 169766 169769 169800 169931 169987 169989

Cal—11, Del—02, Mas—10 & Bom—Nil.

\*Patent shall be deemed to be endorsed with the words "LICENCE OF RIGHT" Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

## AMENDMENT PROCEEDINGS UNDER SECTION—57

The amendments proposed by Bredy International Inc. of 23535 Telo Avenue Torrance, California 90505, U.S.A. in respect of application for Patent No. 169331 as advertised in Part III section 2 of the Gazette of India on 12th September 1992 and no opposition being filed within the stipulated period the said amendment have been allowed.

## OPPOSITION PROCEEDINGS

An Opposition has been entered by M/s. Bajaj Auto Limited to grant of a patent on Application No. 170948 (426/DEL/87) dated 14th May, 1987 made by Honda Giken Kogyo Kabushiki Kaisha.

An Opposition has been entered by M/s. Bajaj Auto Limited to grant of a patent on Application No. 170949 (453/DEL/87) dated 26th May, 1987 made by M/s. Piaggio & C.S.P.A.

An Opposition has been entered by M/s. HAVIONE SOCIEDADE QUIMICA SA to grant of a patent on Application No. 171020 (775 DEL/88) dated 14th September, 1988 made by M/S. RANBAXY LABORATORIES LIMITED.

## RENEWAL FEES PAID

149480 151445 151961 152147 152292 153092 153615 153663  
153736 154036 154099 154526 154807 154817 155578 155604  
156010 156677 157465 157573 157681 157722 158607 159610  
160968 161196 161367 161746 162619 162837 162984 163080  
163194 163195 163204 163292 163353 163607 164121 164199  
164331 164369 164559 164736 164893 165321 165386 165597  
165691 165815 166026 166032 166132 166133 166191 166334  
166506 166603 166622 166650 167128 167129 167130 167350  
167368 167749 167810 167887 167889 168150 168357 168365  
168425 168480 168503 168507 168642 168643 168644 168645  
168647 168648 168666 168694 168696 168778 168781 168885  
168903 169103 169177 169178 169181 169183 169200 169205  
169217 169225 169294 169403 169410 169418

## CESSATION OF PATENTS

160598 160607 160608 160609 160613 160616 160621 160623  
160624 160627 160629 160630 160631 160632 160634 160638  
160639 160640 160641 160642 160644 160650 160656 160662  
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160762 160763 160765 160769 160771 160774 160775 160776  
160777 160780 160781 160782 160784 160785 160787 160791  
160792 160795 160796 160799 160800 160804 160806 160807

## RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 152237 granted to Usx Engineers & Consultants, Inc. for an invention relating to "a removable plate assembly for use in a rotary gate valve for teeming molten metal".

The Patent ceased on the 30th May 1992 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 6th February, 1993.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 13th April, 1993 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 152295 granted to A. M. Paranjape & M. B. Vaishampayan for an invention relating to "improved reinforced paper".

The Patent ceased on the 5th January 1992 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 6th February, 1993.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 13th April, 1993 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application for restoration of Patent No. 155250 dated the 6th December, 1982 made by Jehangir Cawas Mody on the 3rd December, 1990 and notified in the Gazette of India Part III, Section 2, dated the 29th June, 1991 has been allowed and the said Patent restored.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 157841 granted to "Ssx Engineers & Consultants, Inc. for an invention relating to "a valve mechanism for attachment to a vessel wall for controlling metal flow from an outlet of the vessel The Patent ceased on the 30th April, 1992 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 6th February 1993.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 13th April, 1993 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 159858 granted to Usx Engineers & Consultants, Inc. for an invention relating to "a sliding gate valve assembly for controlling the flow of molten metal.

The Patent ceased on the 24th May, 1992 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 6th February, 1993.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 13th April, 1993 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 160658 granted to Usx Engineers & Consultants, Inc. for an invention relating to "a slide gate valve for controlling the flow of molten metal from a teeming vessel."

The Patent ceased on the 30th May, 1992 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 6th February, 1993.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 13th April, 1993 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 162921 granted to Emilio Ambasz.

for an invention relating to "pen"

The Patent ceased on the 6th February 1992 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 6th February, 1993.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 13th April, 1993 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 167512 granted to Dr. D. K. Kaushik, Dr. S. K. Chattopadhyaya & Dr. N. Nath for an invention relating to "doubly oscillating quartz crystal monitor (D.m)."

The Patent ceased on the 21st April, 1992 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 6th February, 1993.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 13th April, 1993 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 167513 granted to Dr. D. K. Kaushik, Dr. S. K. Chattopadhyaya & Dr. N. Nath for an invention relating to "single oscillation thin film thickness monitor."

The Patent ceased on the 21st April, 1992 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 6th February, 1993.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 13th April, 1993 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 168809 granted to Philippe Perovitch for an invention relating to "device for recovering and reinjecting blood".

The Patent ceased on the 3rd December 1992 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 6th February, 1993.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 13th April, 1993 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 56 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration of the design included in the entry.

Class 1. No. 164327. Stitchwell Qjalitex, A-11, Sector-57, Noida-201301, Distt. Ghaziabad, U.P., India, Indian Partnership Firm. "Portable Cultivator". May 5, 1992.

Class 1. No. 164400. Taparia Tools Limited, Indian Company, of Nashik Industrial Area, Trimbak Road, Nashik-422007, Maharashtra, India. "Wrench". May 22, 1992.

Class 1. No. 164401. Taparia Tools Limited, Indian Company, of Nashik Industrial Area, Trimbak Road, Nashik-422007, Maharashtra, India. "Screw Drawer". May 22, 1992.

Class 1. Nos. 164549 & 164650. Wright Food Systems, Inc., 2299, Pacific Avenue, San Francisco, California-94115, USA. "Vending Machine". July 16, 1992.

Class 1. No. 164709. Bombay Gifts, B-11, Milan Apartments, Ramchandra Lane, Malad (W), Bombay-400060, Maharashtra, India. "Key Chain". August 26, 1992.

Class 1. No. 164822. Newlong Machine Works Ltd., of 4-14 Higashi-ueno 6-chome, Taito-ku, Tokyo, Japan. Japanese Company. "Bag Closing sewing machine". September 28, 1992.

Class 3. No. 164381. Yves Saint Laurent Parfumes, French It. Stock Company of 28/34, boulevard du pare, 92200, Neuilly Sur Seine, France. "Container". May 14, 1992.

**Class 3.** No. 164399. Eagle Flask Industries Ltd., Indian Company, Telegaon-410507, Dist : Pune, Maharashtra, India. "Vacuum Flask". May 22, 1992.

**Class 3.** No. 164424. Harsheel Gift, 1, Jayshree Apartments, Arvind Colony, 148/A, S. V. Road, Irla, Vile Parle (W), Bombay-400056, Maharashtra, India, Indian Partnership Firm. "Key Chain". May 29, 1992.

**Class 3.** No. 164622. Bhaion-ki-Dukan, 899-Chowk Qutab Road, Delhi-110006, India, Indian Partnership Concern. "Bottle". July 27, 1992.

**Class 3.** 164657. The Goodyear Tyre & Rubber Company, 1144, East Market Street, Akron, Ohio-44316-0001, U.S.A. "Tyre for automobile". August 6, 1992.

**Class 3.** No. 164787. The Goodyear Tyre & Rubber Company, 1144, East Market Street, Akron, Ohio-4416-0001, U.S.A. "Tyre for automobile", August 6, 1992.

**Class 5.** No. 164911. McDowell & Co. Ltd., Indian Company, McDowell House, 3 Second Line Beach, Madras-600001, T.N., India. "Carton". October 21, 1992.

**Class 10.** No. 164861. Shalu Footwear, F-49, D. B. Gupta Market, Karol Bagh, New Delhi-110005, India, Indian Proprietorship Concern. "Footwear". October 7, 1992.

Copyright extended for the 2nd period of Five years.

Nos. 157956, 164019, 164020, 164021 & 163976 .. Class 1.

Nos. 157201, 164158 & 163977 .. Class 3.

No. 158606 .. Class 4.

No. 163543 .. Class 10.

Copyright extended for the 3rd period of five years.

Nos. 164019, 164020, 164021 & 163976 .. Class 1.

Nos. 164158 & 163977 .. Class 3.

No. 163543 .. Class 10.

K. A. ACHARYA  
Controller General of Patents, Designs  
and Trade Marks

